What the invention claimed is:

1. A control interface card connected to the CPU (central processing unit) of a host computer and adapted for auto-reloading object position data, comparing object position data, and providing a triggering signal to the CPU of the host computer, said control interface card comprising a data buffer adapted for registration of object position data computed by the CPU of said host computer, a position compare circuit adapted for fetching registered object position data from said data buffer and comparing the fetched object position data with feedback position data obtained from an object shifting control means, and then fetching a next registered object position data from said data buffer for a next comparison after matching of one comparison, and a trigger I/O circuit adapted for providing a triggering signal to the CPU of said host computer upon matching of one comparison at said position compare circuit.

2. The control interface card as claimed in claim 1, which is a motion control interface card.

3. The control interface card as claimed in claim 1, which is an industrial counting interface card.

4. The control interface card as claimed in claim 1 further comprising a bus controller connected to a bus at the CPU of said host computer for intercommunication between the control interface card and the CPU of said host computer, and a bus

arbitrator connected to said bus controller and adapted for providing an interrupt signal to the CPU of said host computer through said bus controller upon matching of one comparison at said position compare circuit.

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